

# Jan M Wiener

## List of Publications by Year in descending order

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Version: 2024-02-01

66  
papers

3,026  
citations

236925

25  
h-index

182427

51  
g-index

67  
all docs

67  
docs citations

67  
times ranked

2382  
citing authors

#	ARTICLE	IF	CITATIONS
1	(Dis)orientation and Design Preferences Within an Unfamiliar Care Environment: A Content Analysis of Older Adults's™ Qualitative Reports After Route Learning. <i>Environment and Behavior</i> , 2022, 54, 116-142.	4.7	4
2	Age-related changes in visual encoding strategy preferences during a spatial memory task. <i>Psychological Research</i> , 2022, 86, 404-420.	1.7	6
3	The role of memory and perspective shifts in systematic biases during object location estimation. <i>Attention, Perception, and Psychophysics</i> , 2022, 84, 1208-1219.	1.3	1
4	London taxi drivers: A review of neurocognitive studies and an exploration of how they build their cognitive map of London. <i>Hippocampus</i> , 2022, 32, 3-20.	1.9	14
5	From repeating routes to planning novel routes: the impact of landmarks and ageing on route integration and cognitive mapping. <i>Psychological Research</i> , 2021, 85, 2164-2176.	1.7	8
6	The impact of cognitive aging on route learning rate and the acquisition of landmark knowledge. <i>Cognition</i> , 2021, 207, 104524.	2.2	13
7	Perspective taking and systematic biases in object location memory. <i>Attention, Perception, and Psychophysics</i> , 2021, 83, 2033-2051.	1.3	6
8	Serial memory for landmarks encountered during route navigation. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 2137-2153.	1.1	10
9	Ageing- and dementia-friendly design: theory and evidence from cognitive psychology, neuropsychology and environmental psychology can contribute to design guidelines that minimise spatial disorientation. <i>Cognitive Processing</i> , 2021, 22, 715-730.	1.4	19
10	Age-related differences in visual encoding and response strategies contribute to spatial memory deficits. <i>Memory and Cognition</i> , 2021, 49, 249-264.	1.6	17
11	Spatial Navigation and Visuospatial Strategies in Typical and Atypical Aging. <i>Brain Sciences</i> , 2021, 11, 1421.	2.3	11
12	Are age-related deficits in route learning related to control of visual attention?. <i>Psychological Research</i> , 2020, 84, 1473-1484.	1.7	17
13	A novel virtual-reality-based route-learning test suite: Assessing the effects of cognitive aging on navigation. <i>Behavior Research Methods</i> , 2020, 52, 630-640.	4.0	28
14	Differences in Encoding Strategy as a Potential Explanation for Age-Related Decline in Place Recognition Ability. <i>Frontiers in Psychology</i> , 2020, 11, 2182.	2.1	11
15	Evidence for age-related deficits in object location binding during place recognition. <i>Hippocampus</i> , 2019, 29, 971-979.	1.9	22
16	Investigating the Effect of the Environment on Prey Detection Ability in Humans. <i>Scientific Reports</i> , 2019, 9, 7445.	3.3	0
17	Virtual navigation tested on a mobile app is predictive of real-world wayfinding navigation performance. <i>PLoS ONE</i> , 2019, 14, e0213272.	2.5	106
18	The contribution of visual attention and declining verbal memory abilities to age-related route learning deficits. <i>Cognition</i> , 2019, 187, 50-61.	2.2	15

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19	Spatial navigation from same and different directions: The role of executive functions, memory and attention in adults with autism spectrum disorder. <i>Autism Research</i> , 2018, 11, 798-810.	3.8	7
20	“All the corridors are the same”: a qualitative study of the orientation experiences and design preferences of UK older adults living in a communal retirement development. <i>Ageing and Society</i> , 2018, 38, 1791-1816.	1.7	15
21	How do we get there? Effects of cognitive aging on route memory. <i>Memory and Cognition</i> , 2018, 46, 274-284.	1.6	25
22	Global Determinants of Navigation Ability. <i>Current Biology</i> , 2018, 28, 2861-2866.e4.	3.9	196
23	Virtual environments as memory training devices in navigational tasks for older adults. <i>Scientific Reports</i> , 2018, 8, 10809.	3.3	41
24	Visuo-attentional strategies in road crossing situations across the lifespan. <i>Journal of Vision</i> , 2018, 18, 242.	0.3	2
25	Decreasing spatial disorientation in care-home settings: How psychology can guide the development of dementia friendly design guidelines. <i>Dementia</i> , 2017, 16, 315-328.	2.0	45
26	Impairment in active navigation from trauma and Post-Traumatic Stress Disorder. <i>Neurobiology of Learning and Memory</i> , 2017, 140, 114-123.	1.9	13
27	The Aging Navigational System. <i>Neuron</i> , 2017, 95, 1019-1035.	8.1	256
28	Route planning with transportation network maps: an eye-tracking study. <i>Psychological Research</i> , 2017, 81, 1020-1034.	1.7	5
29	The Impact of the Brain-Derived Neurotrophic Factor Gene on Trauma and Spatial Processing. <i>Journal of Clinical Medicine</i> , 2017, 6, 108.	2.4	13
30	The Effects of Attentional Engagement on Route Learning Performance in a Virtual Environment: An Aging Study. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 235.	3.4	18
31	Differences in navigation performance and postpartal striatal volume associated with pregnancy in humans. <i>Neurobiology of Learning and Memory</i> , 2016, 134, 400-407.	1.9	14
32	Human place and response learning: navigation strategy selection, pupil size and gaze behavior. <i>Psychological Research</i> , 2016, 80, 82-93.	1.7	19
33	This Place Looks Familiar—How Navigators Distinguish Places with Ambiguous Landmark Objects When Learning Novel Routes. <i>Frontiers in Psychology</i> , 2015, 6, 1936.	2.1	15
34	PTSD recovery, spatial processing, and the val66met polymorphism. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 100.	2.0	9
35	Challenges for identifying the neural mechanisms that support spatial navigation: the impact of spatial scale. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 571.	2.0	192
36	Maladaptive Bias for Extrahippocampal Navigation Strategies in Aging Humans. <i>Journal of Neuroscience</i> , 2013, 33, 6012-6017.	3.6	127

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37	Adaptive Locomotion Processes and Area-Restricted Search in Human Foraging. PLoS ONE, 2013, 8, e60488.	2.5	90
38	Methodological triangulation to assess sign placement. , 2012, , .		5
39	Route repetition and route retracing: effects of cognitive aging. Frontiers in Aging Neuroscience, 2012, 4, 7.	3.4	79
40	Gaze behaviour during space perception and spatial decision making. Psychological Research, 2012, 76, 713-729.	1.7	103
41	Aging specifically impairs switching to an allocentric navigational strategy. Frontiers in Aging Neuroscience, 2012, 4, 29.	3.4	94
42	Would you follow your own route description? Cognitive strategies in urban route planning. Cognition, 2011, 121, 228-247.	2.2	146
43	The integration of spatial information across different viewpoints. Memory and Cognition, 2011, 39, 1042-1054.	1.6	35
44	Dissociable cognitive mechanisms underlying human path integration. Experimental Brain Research, 2011, 208, 61-71.	1.5	72
45	Spatial behavior and linguistic representation: Collaborative interdisciplinary specialized workshop. Journal of Spatial Information Science, 2010, , .	1.2	0
46	Planning paths to multiple targets: memory involvement and planning heuristics in spatial problem solving. Psychological Research, 2009, 73, 644-658.	1.7	50
47	The verbalization of multiple strategies in a variant of the traveling salesperson problem. Cognitive Processing, 2009, 10, 143-161.	1.4	32
48	Taxonomy of Human Wayfinding Tasks: A Knowledge-Based Approach. Spatial Cognition and Computation, 2009, 9, 152-165.	1.2	237
49	Can Camera Motions Improve the Perception of Traveled Distance in Virtual Environments?. Virtual Reality Conference (VR), Proceedings, IEEE, 2009, , .	0.0	12
50	Path planning under spatial uncertainty. Memory and Cognition, 2008, 36, 495-504.	1.6	17
51	A Minimalistic Model of Visually Guided Obstacle Avoidance and Path Selection Behavior. Lecture Notes in Computer Science, 2008, , 87-103.	1.3	0
52	From Space Syntax to Space Semantics: A Behaviorally and Perceptually Oriented Methodology for the Efficient Description of the Geometry and Topology of Environments. Environment and Planning B: Planning and Design, 2008, 35, 574-592.	1.7	65
53	Route Learning Strategies in a Virtual Cluttered Environment. Lecture Notes in Computer Science, 2008, , 104-120.	1.3	14
54	Isovist Analysis Captures Properties of Space Relevant for Locomotion and Experience. Perception, 2007, 36, 1066-1083.	1.2	48

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55	Differential Recruitment of the Hippocampus, Medial Prefrontal Cortex, and the Human Motion Complex during Path Integration in Humans. <i>Journal of Neuroscience</i> , 2007, 27, 9408-9416.	3.6	197
56	Can People Not Tell Left from Right in VR? Point-to-origin Studies Revealed Qualitative Errors in Visual Path Integration. , 2007, , .		37
57	Wayfinding Strategies in Behavior and Language: A Symmetric and Interdisciplinary Approach to Cognitive Processes. <i>Lecture Notes in Computer Science</i> , 2007, , 401-420.	1.3	6
58	Path Complexity Does Not Impair Visual Path Integration. <i>Spatial Cognition and Computation</i> , 2006, 6, 333-346.	1.2	41
59	Point-to-origin experiments in VR revealed novel qualitative errors in visual path integration. , 2006, , .		0
60	Point-to-origin experiments in VR revealed novel qualitative errors in visual path integration. , 2006, , .		1
61	Context and occasion setting in <i>Drosophila</i> visual learning. <i>Learning and Memory</i> , 2006, 13, 618-628.	1.3	54
62	Isovists as a Means to Predict Spatial Experience and Behavior. <i>Lecture Notes in Computer Science</i> , 2005, , 42-57.	1.3	35
63	Use and interaction of navigation strategies in regionalized environments. <i>Journal of Environmental Psychology</i> , 2004, 24, 475-493.	5.1	79
64	'Fine-to-Coarse' Route Planning and Navigation in Regionalized Environments. <i>Spatial Cognition and Computation</i> , 2003, 3, 331-358.	1.2	144
65	â€˜We go for a homely feel â€˜   not the clinical dementia sideâ€™: care home managersâ€™ experiences of supporting residents with dementia to orientate and navigate care environments. <i>Ageing and Society</i> , 0, , 1-27.	1.7	1
66	Different Profiles of Spatial Navigation Deficits In Alzheimerâ€™s Disease Biomarker-Positive Versus Biomarker-Negative Older Adults With Amnesic Mild Cognitive Impairment. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	3.4	11